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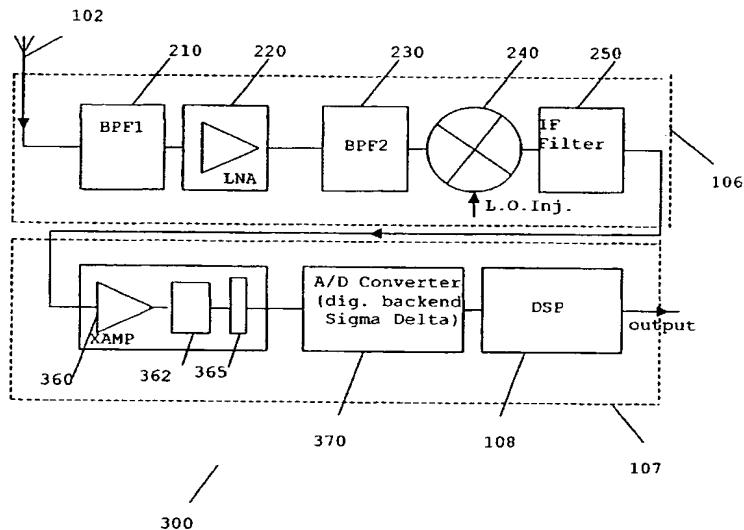
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(74) Title: WIRELESS RECEIVER WITHOUT AGC



(57) **Abstract:** A wireless communication unit (300) incorporates a receiver comprising radio frequency circuitry (210, 220, 230, 240) for receiving a radio frequency signal and converting the radio frequency signal to a low frequency signal. A signal level adjustment circuit receives the low frequency signal and an analogue to digital converter (370), operably coupled to the signal level adjustment circuit receives an adjusted low frequency signal and provides a digital received signal. A signal processor (108) operably coupled to the analogue to digital converter (370) processes the digital received signal. The signal level adjustment circuit includes a low frequency amplifier (360) whose gain is arranged to be dependent upon a clip point of the analogue to digital converter (370). The aforementioned receiver avoids the need for an automatic gain control circuit in such wireless communication units.

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